Software-defined Object Storage with Disk and Tape: PoINT Archival Gateway – Unified Object Storage
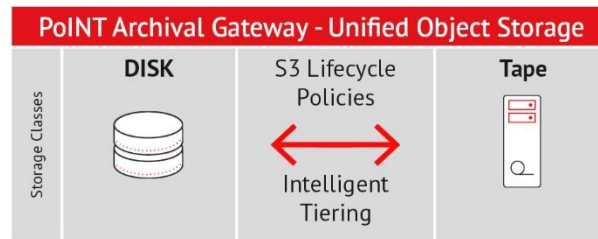
Siegen. The new storage solution PoINT Archival Gateway – Unified Object Storage is a software-defined S3 object storage which combines the storage classes disk and tape and represents them under a single namespace. Thus, PoINT Software & Systems offers an economic and sustainable solution especially for secondary and archive storage which combines the advantages of disk and tape in one object storage.

With PoINT Archival Gateway – Unified Object Storage PoINT Software & Systems introduces the extension of the established, tape-based object storage PoINT Archival Gateway. In addition to object storage on tape, PoINT Archival Gateway – Unified Object Storage allows the combination of two storage classes – disk and tape – in one unified object storage. Flexible configurations are possible, i.e. tape-only as well as disk-only, with the option of later extension by the respective other storage class.

Objects are moved between storage classes using AWS S3 compatible lifecycle policies. This allows storage technologies to be used most effectively according to their specific characteristics. On the one hand, this contributes to a more cost- and energy-efficient use of the storage infrastructure. On the other hand, expiration policies can also be used to define retention periods and implement the scheduled deletion of objects.

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Objects that have been moved to tape can be read again directly from tape. A restore to disk is also optionally possible. In addition, PoINT Archival Gateway – Unified Object Storage can perform automatic replication to disk and tape.

Compared to the original tape-based object storage, the addition of a hard disk storage class offers users a variety of additional use cases. Especially applications which expect low latencies, e.g. HPC file systems, certain backup applications and data management solutions, like iRODS, can use PoINT Archival Gateway – Unified Object Storage as target storage system.

For more details, please visit www.point.de.

About PoINT:
PoINT Software & Systems GmbH is specialized in the development and distribution of software products for storage, management and archiving of data. Our data & storage management solutions offer an easy and efficient integration of different storage technologies and systems in consideration of enterprise requirements. PoINT products allow optimized usage of storage systems and help to reduce costs and issues caused by data growth. The software solutions fulfil compliance and archiving requirements and provide independence from storage technologies and vendors.

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